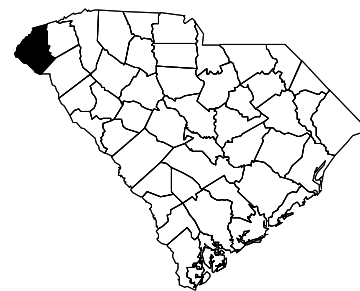


IMPACT OF CHRONIC CONDITIONS OCONEE County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Oconee county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Oconee county's population is similar to the state population. The majority (36%) of the population in Oconee county are between the ages of 18-44, and there are more females (51%) than males (49%). However, Oconee county has a lower minority population (9%) than the state (32%). When adults in Oconee county were asked about their general health status, 75.5% reported having excellent, very good, or good health in 2002 (SC was 83%).

	OCONEE COUNTY	STATE
Population size	67,918	4,107,183
Age distribution (%)		
<18	21	24
18-44	36	40
45-64	27	24
65-84	15	11
85+	2	1
Race (%)		
White	91	68
Black & Other	9	32
Sex (%)		
Male	49	49
Female	51	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 202 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Oconee county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	27	27
Sedentary lifestyle	55	42
Overweight	57	60
High Cholesterol	8	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	30.2	.	.	.	.	28.4
Number of hospitalizations	67	18	49	28	39	5,173
Standard rate of hospitalizations (per 100,000)	85	315	66	80	89	125
Median age of hospitalized patients	68	58	68	68	63	63
Total cost of hospitalization (\$)	738,500	159,600	578,900	402,800	335,700	79,350,400
Average length of hospital stay (days)	4	4	4	3	4	5
Number of ED visits	70	27	43	27	43	7,306
Standard rate of ED visits (per 100,000)	96	470	64	76	112	175
Median age of ED patients	58	58	58	60	58	53
Total cost of ED visits (\$)	29,000	8,900	20,100	10,200	18,800	5,902,800
Number of deaths*	4	2	2	1	3	366
Standard death rate (per 100,000)*	5	40	3	6	6	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	5.32	.	.	.	.	5.13
Number of hospitalizations	648	46	602	438	210	30,831
Standard rate of hospitalizations (per 100,000)	767	843	765	1,102	460	734
Median age of hospitalized patients	63	58	63	58	68	68
Total cost of hospitalization (\$)	15,245,800	1,202,800	14,043,000	10,814,500	4,431,300	969,122,700
Average length of hospital stay (days)	4	4	3	3	4	5
Number of ED visits	29	1	28	19	10	2,754
Standard rate of ED visits (per 100,000)	33	15	35	44	21	66
Median age of ED patients	63	53	68	60	73	63
Total cost of ED visits (\$)	105,100	2,200	102,900	53,200	51,900	10,617,900
Number of deaths*	158	10	148	85	73	9,723
Standard death rate (per 100,000)*	203	170	206	258	157	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.24	.	.	.	.	2.38
Number of hospitalizations	254	23	231	115	139	14,317
Standard rate of hospitalizations (per 100,000)	313	454	307	319	305	351
Median age of hospitalized patients	73	73	73	68	78	73
Total cost of hospitalization (\$)	3,811,800	292,500	3,519,300	1,700,000	2,111,800	279,819,700
Average length of hospital stay (days)	6	6	6	5	6	6
Number of ED visits	32	4	28	16	16	2,732
Standard rate of ED visits (per 100,000)	40	88	39	41	37	67
Median age of ED patients	73	68	73	68	73	73
Total cost of ED visits (\$)	52,600	9,500	43,100	17,500	35,100	6,322,600
Number of deaths*	48	6	42	16	32	2,816
Standard death rate (per 100,000)*	66	108	62	62	71	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	216	21	195	94	122	14,524
Standard rate of hospitalizations (per 100,000)	273	362	266	250	295	351
Median age of hospitalized patients	63	48	63	68	63	58
Total cost of hospitalization (\$)	1,856,900	133,500	1,723,400	902,200	954,700	198,700,700
Average length of hospital stay (days)	4	3	4	4	4	5
Number of ED visits	491	89	402	209	282	37,517
Standard rate of ED visits (per 100,000)	710	1,381	627	627	785	914
Median age of ED patients	38	28	38	28	43	33
Total cost of ED visits (\$)	241,800	31,800	210,000	103,800	138,000	30,607,600
Number of deaths*	39	-	39	26	13	1,891
Standard death rate (per 100,000)*	48	-	51	78	27	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.02	.	.	.	.	8.33
Number of hospitalizations	144	21	123	66	78	8,652
Standard rate of hospitalizations (per 100,000)	194	346	180	184	206	207
Median age of hospitalized patients	53	50	53	53	53	53
Total cost of hospitalization (\$)	1,790,300	275,000	1,515,300	956,900	833,400	127,167,500
Average length of hospital stay (days)	5	6	5	6	5	6
Number of ED visits	76	17	59	38	38	9,316
Standard rate of ED visits (per 100,000)	102	303	88	110	98	224
Median age of ED patients	58	58	58	48	63	53
Total cost of ED visits (\$)	53,700	9,700	44,000	24,500	29,200	8,261,100
Number of deaths*	13	2	11	7	4	1,114
Standard death rate (per 100,000)	16	41	16	23	9	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	472	64	408	181	291	24,644
Standard rate of hospitalizations (per 100,000)	587	1,117	537	495	698	591
Median age of hospitalized patients	63	53	68	68	63	58
Total cost of hospitalization (\$)	10,996,400	1,501,100	9,495,300	5,201,900	5,794,500	605,119,300
Average length of hospital stay (days)	6	6	6	8	5	6
Number of deaths*	153	9	144	84	69	8,320
Standard death rate (per 100,000)*	190	165	191	242	153	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	53	4	49	28	25	2,113
Standard rate of hospitalizations (per 100,000)	63	78	62	73	55	51
Median age of hospitalized patients	73	63	73	73	73	68
Total cost of hospitalization (\$)	2,481,900	325,600	2,156,300	1,325,600	1,156,300	80,248,200
Average length of hospital stay (days)	12	20	12	12	12	10
Number of deaths*	20	1	19	11	9	807
Standard death rate (per 100,000)*	26	24	26	35	20	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	33	4	29	.	33	1,465
Standard rate of hospitalizations (per 100,000)	40	63	37	.	72	35
Median age of hospitalized patients	68	55	68	.	68	63
Total cost of hospitalization (\$)	362,500	49,800	312,700	.	362,500	21,213,600
Average length of hospital stay (days)	2	3	2	.	2	3
Number of deaths*	16	3	13	-	16	630
Standard death rate (per 100,000)*	21	52	18	-	36	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per 100,000)	4	.	4	.	8	5
Median age of hospitalized patients	63	.	63	.	63	48
Total cost of hospitalization (\$)	27,700	.	27,700	.	27,700	3,668,300
Average length of hospital stay (days)	2	.	2	.	2	4
Number of deaths*	-	2	-	2	3	26
Standard death rate (per 100,000)*	-	3	-	4	12	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	30	2	28	20	10	2,154
Standard rate of hospitalizations (per 100,000)	35	43	36	50	22	51
Median age of hospitalized patients	68	70	68	68	75	68
Total cost of hospitalization (\$)	668,300	41,900	626,400	561,200	107,100	70,474,400
Average length of hospital stay (days)	7	11	7	7	6	9
Number of deaths*	49	1	48	32	17	2,481
Standard death rate (per 100,000)*	58	18	60	83	37	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	19	2	17	19	.	1,353
Standard rate of hospitalizations (per 100,000)	21	31	20	48	.	32
Median age of hospitalized patients	68	53	68	68	.	68
Total cost of hospitalization (\$)	377,300	135,900	241,400	377,300	.	24,726,200
Average length of hospital stay (days)	4	10	4	4	.	4
Number of deaths*	6	1	5	6	-	478
Standard death rate (per 100,000)*	8	24	7	19	-	12

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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